



Mount Polley Mining Corporation

an Imperial Metals company
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MOUNT POLLEY MINING CORPORATION (MPMC) PUBLIC LIAISON COMMITTEE (PLC) MEETING SUMMARY

Meeting Details

In person Meeting and Conference Call Meeting – General Meeting with tour to follow
General Meeting – Q3 2024

July 11, 2024

9:00 am to 1:00 pm

Meeting held at the Mount Polley Mine, 5720 Bootjack Forest Service Road

Meeting Called by: MPMC Designated Representation

Meeting Chaired by: Gabriel Holmes

Minutes by: Alicia Lalonde

Member	Present	Call-in	Organization
Aaron Higginbottom			T'exelc - Williams Lake First Nation
Abhirosh Chandran			Ministry of Environment and Climate Change Strategy
Alicia Lalonde	x		DWB Consulting (MPMC)
Alex Gresl			Williams Lake Chamber of Commerce
Ann Godon	x		Ministry of Environment and Climate Change Strategy
Bee Hooker	x		Big Lake Community
Bill Carruthers			Williams Lake Community
Christine McLean		x	Mitchell Bay Community
Darren Sargeant			Xat'sùll - Soda Creek First Nation
Don Parsons		x	Imperial Metals (MPMC)
Doug Watt	x		Likely Resident
Emily Sonnag			Xat'sùll - Soda Creek First Nation
Erin Rainey			Ministry of Environment and Climate Change Strategy
Gabriel Holmes	x		Mount Polley Mining Corporation (MPMC)
Jackie Sarginson			MLA Cariboo North Coralee Oaks Office
Jason Raine			University of Northern BC and Quesnel River Research Centre
Jason Ryll			Williams Lake Chamber of Commerce
Jillian Tamblyn			Ministry of Environment and Climate Change Strategy
Johanna Godt			Sedgewick Strategies (MPMC)
Kala Ivens		x	T'exelc - Williams Lake First Nation
Kelly Parker			MPMC
Ksenia Kolodka		x	Xat'sùll - Soda Creek First Nation
Linda Bartsch			Horsefly Business
Lisa Kraus	x		Likely and District Chamber of Commerce
Lyn Anglin			Consultant to Imperial Metals (MPMC)
Mathieu O'Leary	x		MPMC
Maureen LeBourdais		x	Cariboo Regional District
Micky McIntosh			Likely Resident
Nishitha Singi			T'exelc - Williams Lake First Nation
Rebecca Knight		x	T'exelc - Williams Lake First Nation
Richard Holmes			Little Lake Community
Steve Hocquard			Horsefly Community
Surinderpal Rathor			Williams Lake Government
Tara Cadeau		x	Ministry of Energy, Mines, and Low Carbon Innovation
Victoria Stevens			Ministry of Energy, Mines, and Low Carbon Innovation
Walt Cobb			Williams Lake Resident
Guests			
Virginia McKeown	x		Likely Resident

Meeting Start: 9:15 am

Roll Call – Introductions and acknowledgements – Gabriel Holmes

- I'd like to acknowledge that we operate on unceded traditional territories and work in partnership with the Williams Lake and Xat'sūll First Nations.
- Chris Garda is the new section head as Erin Rainey is on leave.
- We do have a guest attending today at the request of Doug Watt, Virginian McKeown who is a Likely resident.

Additions to Agenda, and Approval of Agenda – Gabriel Holmes

- As I have indicated in the agenda, we are going to go over the following:
 - PLC Membership and Terms of Reference Review
 - ENV/EMLI Discussion/Compliance Review
 - Permitting/Amendment Applications
 - Environmental Monitoring Update
 - Quesnel Lake Phosphorus
 - Discharge/WTP Update
 - Water Management Update
 - Remediation/Reclamation Update
 - Mining Update
 - Public Meeting
 - Roundtable Discussion
 - PLC Questions/Comments
 - Next Meeting – October 3, 2024?
- Does anyone have additions to the agenda, or have objections to it? If not, we are going to move on through what we have planned.
- Agenda approved as written.

PLC Membership and Terms of Reference (ToR) Review – Gabriel Holmes

- There are still numerous vacancies on the committee. We should endeavor to fill them.
- Each of us as members can identify people and reach out to people that may be interested in joining the committee. If anyone has someone in mind, an individual or organization, please forward that to me. GH to send Virginia an email including the ToR and some information pertaining to joining the committee.
- Minor updates were made to the table in the Terms of Reference (ToR) eg: FTP site was changed to Sharepoint site, GoTo Meeting was changed to Teams meeting, etc. The amended ToR with the changes tracked was circulated. I didn't receive any feedback. Are there any other comments regarding the ToR? We will submit it to ENV with a notification and we will adopt it 30 days after submission.
- I did reach out to Christine Sweezy from Interior Health. Interior Health is interested, they wanted the invites to go to a general email but I indicated that a designate be assigned. They are working out who that will be and will attend future meetings. I have reached out to DFO, David Rainho from the Kamloops

office was going to run it up the chain but I have not heard back. I have not received a response from Deborah Portman from ECCC. The United Steel Workers are interested but they have not nominated a member. We haven't filled the MPMC employee representative seat because we always have a few people from Mount Polley attend these meetings. It would be more beneficial to have someone from the United Steel Workers on the committee. We haven't had any more interest from the general public except for Virginia. I will send you some information and the ToR, Virginia, and you can make a decision about formally joining the committee.

- Alicia Lalonde (AL): Did you ever receive a response from Alan Egilson with Water Stewardship?
- GH: Alan was a former employee of DWB took a position with the Water, Lands and Resource Stewardship so I reached out to him. I will follow up on that.

Communications

- We are always asking ourselves if we are good communicators and if we are providing the information that everybody wants. There is always room for improvement.
- It is important that we communicate to the regulators and stakeholders regularly, our doors are always open.
- We are committed to our communications plan.
- We have the PLC, Sharepoint and other websites, meetings, calls and presentations, tours and reporting to convey information.
- Safety:
 - Mount Polley Mining Corporation is committed to providing a safe and inclusive work environment to all its workers, staff, contractors and guests.
 - Initiatives:
 - Quarterly site wide communication meetings- it is a mandatory meeting for every employee and is an opportunity to speak with the employees about what is going on.
 - Regularly scheduled departmental safety meetings (monthly) and Shift Cycle Audits (each department conducts a weekly audit of their work area where hazards and potential hazards are identified and passed onto the cross shift)
 - Joint Occupational Health and Safety and Environmental Committee (meet monthly with tours)
 - Mine Rescue training weekly
 - Safety statistics up to the end of June are included in the table below. YTD we've had 3 lost time accidents, 4 medical aids- 1 in June, 24 first aids- 3 in June, 4 reportable incidents and 0 reportable spills. We have had a number of internal spills but none that required external reporting.

Reportable Injuries/ Incidents		
June 2024	MTD	YTD
Lost Time Accident	0	3
Medical Aid	1	4
First Aid	3	24
Reportable Incident	0	4
Spills – Reportable (BC-Env)	0	0

- The MPMC Community Initiatives Committee will continue with community contributions in 2024 and will be committing to many of the same organizations as in 2023.
 - To date: Fishing derby, Mining for Miracles, Heavy Metal Rocks, indoor rodeo, Williams Lake stampede and performances in the park. We have a number of events coming down the pipeline. We have a plan for the Williams Lake Rustlers but I need to talk to Ksenia about that.

ENV/EMLI Discussion/ Compliance Review

- I would like to address a compliance related issue that cropped up last week regarding the Metal and Diamond Mining Effluent Regulation (MDMER). We started the plant on a Friday and we didn't sample until the following Wednesday. As per the MDMER, we are supposed to sample every calendar week so we should have sampled on Friday or Saturday or the Sunday of the previous week. We did not sample the week of June 23. That was our mistake we ended up collecting a sample the week prior and when we started discharging, we didn't sample until a few days later. That is in contravention of the MDMER. We did send a notification to the Director. That will end up being a compliance related issue on our record to do with sample scheduling. We took a sample while the plant was discharging and we discharged a small amount of water.
- Let's open up the floor to ENV and EMLI. Anne, and Tara, do you have anything to bring to the committee's attention regarding compliance from a regulatory perspective?
- Ann Godon (AG): My role is involved in the review of Mount Polley. We have our revised final application so that's what I will be busy with. Jillian Tamblin, our section head, is reviewing the update to the CEMP and moving toward a decision, Abhi has provided his final recommendations and comments and now Jillian is reviewing those. Mount Polley is on the list for an inspection this year. We will have an inspection report once that takes place.
- Tara Cadeau (TC): Unfortunately, because I am new to the file, I don't have current information about compliance.
- GH: Tara has been reviewing some aspects of the application as well. Did you want to take a minute to discuss your role on the Mount Polley file?
- TC: I am a senior environmental geoscientist with the major mines technical operations team. Our team works on predominantly permitting. I am currently involved with the review of the Springer Expansion application, so I will be doing the technical review from a geoscience perspective on that project.

Occasionally we do site inspections as well. I don't have Mount Polley scheduled myself this year. Other compliance folks on our broader team may have scheduled inspections but I can't speak to that.

Permitting/Amendment Applications – Don Parsons

		2024										
	Resp	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Mine Site Construction												
Phase 5 NAG Mining	RT											
Phase 5 NAG Mining - continued	RT											
SERDS Co-Disposal Construction	RT											
Tailings Access Road Construction	RT											
TSF Construction < 970m												
Footprint Preparation	SF											
Reslope Downstream Embankments	SF											
Buttress Extension	SF											
TSF Construction > 970m												
Drain Installation & 1m Crest Lift	SF											
Relocate Ditches & Seepage Collection Ponds	SF											
Proposed Permitting Path												
M200 Application - TSF 970m to 974m	MO											
Joint Application - LoM Extension	MO											
M200 Application - TSF 974m to 987m	MO											
EoR / QP Deliverables												
Pit Wall Design Report (May 2024)	AGH			X								
PAG Stockpile Design Report (May 2024)	AGH			X								
TSF 974m Design Report (May 2024)	GP			X								
TSF 987m Design Report (Nov 2024)	GP									X		

- Anything in green is what has been permitted already and anything in yellow, we are seeking permit amendments to do. Right now, we are in Phase 5 mining NAG material to build the TSF and we are adding to the reslopes of all of the embankments and increasing the buttress around all of the embankments. We are mining in Springer Phase 5. We've got the SERDS Co-Disposal which was completed in May and that was designed to take all of the tails out of the Springer Pit and put it into SERDS. Tailings Access Road Construction is on hold right now. We are using a different way to get the NAG down to the TSF. That is a project that will need to be done later in the operating period. Down at the dam, we are working on footprint preparation, re-sloping the downstream embankments, and buttress extension. Those are all green activities. In the future, we would like to put a 2 m lift on the dam this year. We are seeking an early M-200 permit amendment which will allow us to install upstream pipes and build a meter or two on top of the dam. That's a yellow activity and is part of the Springer Expansion application that was submitted on July 5. All of the geotechnical reports have been submitted and are under review for all of the Springer Expansion components that are going to receive some activity which includes the northwest PAG stockpile, Springer Pit, SERDS Co-Disposal facility and lift to the TSF.

Actions	Lead
<p>Joint Permit Amendment Application Rev0 (submitted Dec 8th)</p> <ul style="list-style-type: none"> • Mine Review Committee (MRC) Round 3 Review <ul style="list-style-type: none"> • MRC geoscience & geotech comments received, responses in prep • Deliverables <ul style="list-style-type: none"> • MPMC/WSP will submit final Joint Permit Amendment Application Rev1 <ul style="list-style-type: none"> ▪ <i>Incorporate RFIs from MRC review comments</i> • Reclamation Liability Cost Estimate & Summary Report 	<p>WSP/MPMC</p> <p>WSP</p> <p>MPMC</p>
<p>PAA – TSF 974m to 987m</p> <ul style="list-style-type: none"> • <i>TSF to 987m Design Report</i> in progress (expected Nov 2024) • Permit Amendment Application – submit - Q4 2024 	<p>WSP</p>

MRC Next Steps:

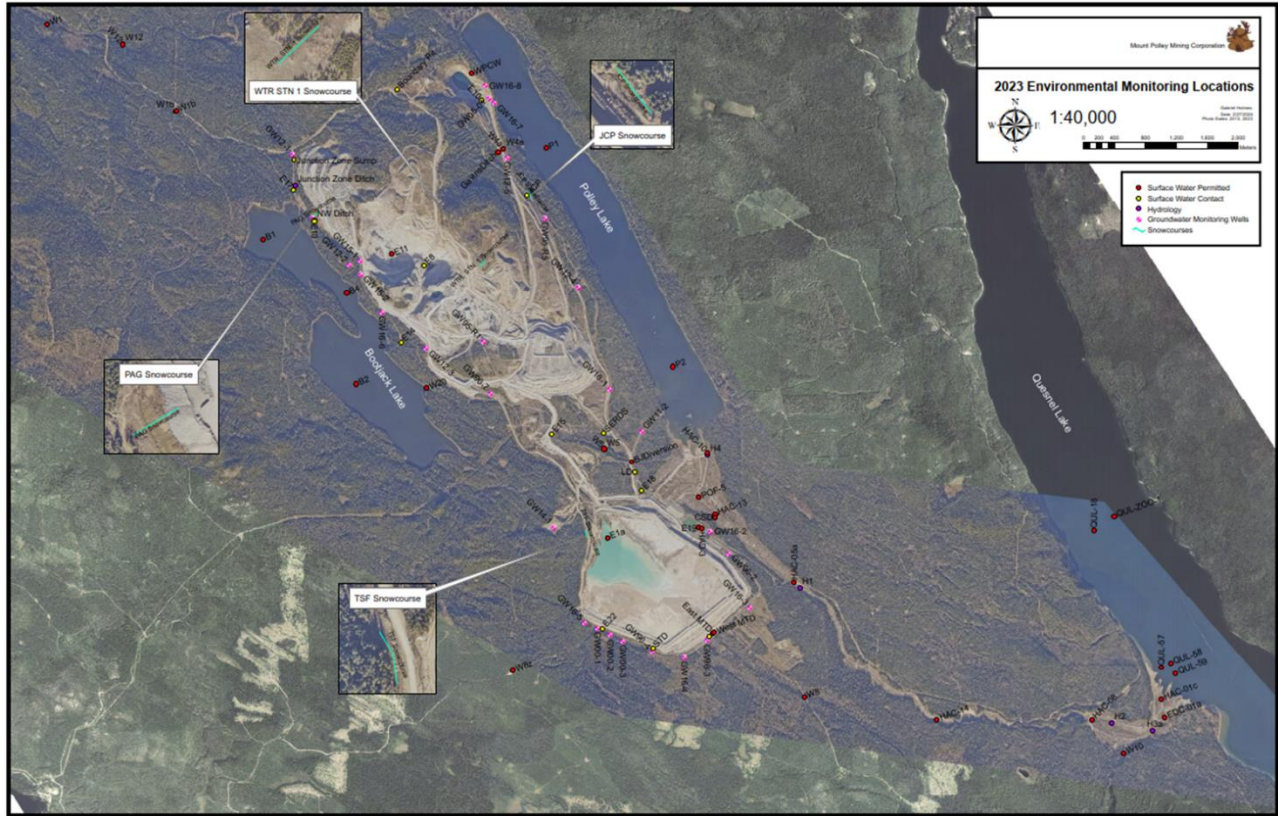
- Advise permitting schedule going forward
- Fast track schedule for TSF Lift approval

- This is an old slide. This one will be discussed in our biweekly updates with the ministries. We have completed early review of the preapplications that have been submitted and the final application was submitted July 5. That is being reviewed by the team from ENV, EMLI and eventually the First Nations. The outstanding deliverable is the Reclamation Liability Cost Estimate and Summary Report which will be submitted at a later date. Sometime in the future, when WSP, our EoR, is done their design, we will submit a second permit amendment application to build the TSF from its current lift elevation to 987 m to accept all of the tailings generated in the Springer Expansion of the mining of the Springer Pit to 2031. The permitting efforts right now are to extend the mine life to 2031 and there is 2 years of returning PAG material back from the PAG stockpile to be submerged in the Cariboo/Springer Pit. We haven't submitted the final design drawing yet because we have done a lot of site inspection work and investigation work. We expect a final design report in November and then we will submit an application late this year or early next to construct the dam to 987 m.

Environmental Monitoring Update – Gabriel Holmes

- Waste Management
 - We generate a lot of waste at a facility such as this and it is important that it be disposed of in a responsible fashion.
 - We have a permitted landfill (under the *Environmental Management Act [EMA]*) on site and have many recycling initiatives underway.
 - We are all responsible for our own waste.
 - Clean up and proper disposal of waste is part of our job.
 - Applicable regulations:
 - *EMA*
 - Overarching document that governs all authorizations and prohibitions
 - Provides general provisions and regulations
 - Outlines compliance, and offences and penalties
 - Hazardous Waste Regulation
 - Waste piles, spills, storage/transportation

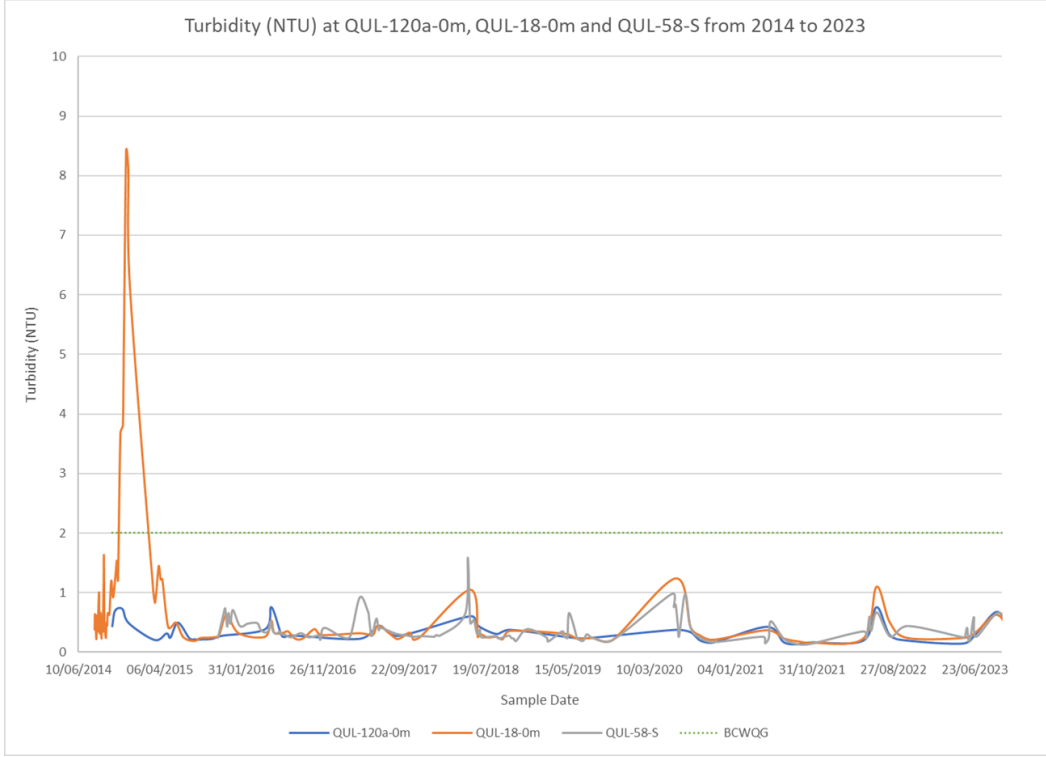
- Ministry of Environment Permit PR 14590
 - Landfill, cardboard/paper recycling, food (putrescible waste, scrap metal)
- We have independent management waste streams for: food waste, drink containers, paper, cardboard, 5-gallon pails, etc.
- GFL Environmental is the service provider for hazardous and non-hazardous waste, they take our waste oil, rags, etc.
- Renovated scrap metal recycling area- We had ABC Recycling here and they took many loads offsite. This facility will be used for scrap steel, aluminum, wire, metal, mill liners, etc.
- Recent and ongoing monitoring activities completed in Q2 2024:
 - When in operation, weekly Water Treatment Plant (WTP) water quality sampling including monthly/quarterly/semi-annual toxicity sampling
 - Monthly water quality sampling at Hazeltine Creek including selenium speciation
 - Monthly and quarterly water quality sampling of surface and mine affected waters including groundwater and mine seepage
 - Monitoring in Polley, Bootjack and Quesnel Lakes
 - Spawning surveys, vegetation surveys, avian point counts, fish tissues, plankton and habitat assessments
 - Wildlife monitoring, photo interpretation
 - Microbiological monitoring (coliform/E.coli)
 - Water quality sampling and monitoring of Springer, Cariboo and Wight Pits (end-of-pipe)
 - Data interpretation
 - Monthly/quarterly site inspections including waste management
 - 2023 CEMP review
 - Reporting- Monthly, quarterly and annual reporting requirements. We have reports for ENV, EMLI and Interior Health.
- This is a map of our monitoring locations around the site and our snow courses where we monitor snowpack. This map is included in our annual report. I update it annually.

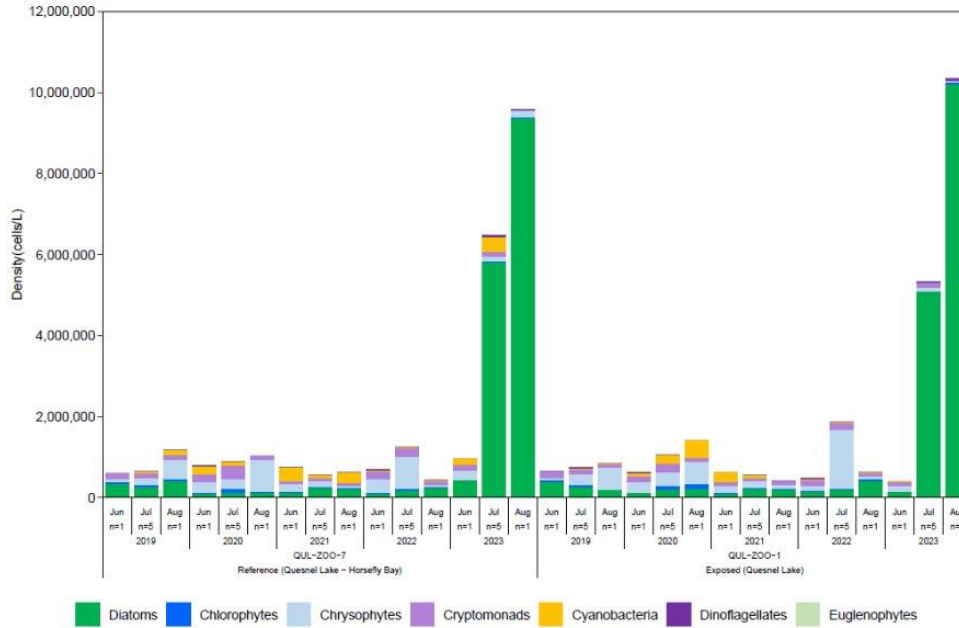


- After the diatom bloom experienced last year, I started to do a literature review and these are two statements of note:
 - “Though trending slowly upward (0.1°C per decade) since the 1900s, mean August-September air temperatures and associated water temperatures in the Quesnel watershed (elev. 500-1000m) remain cool, on average 15°C during Sockeye migration. The decline in Quesnel/Horsefly discharge during the Aug-Sept migratory period since the 1960s is statistically significant.”
 - “Trend analyses to date have identified increases of 2-3°C in the mean, minimum and maximum water temperatures of the Fraser River during the adult Sockeye migration period since the 1950s (e.g. Patterson et al. 2007)” H.W. Stiff, K.D. Hyatt, T.E. Cone, D.A. Patterson, and K. Benner, 2018, Canadian Manuscript Report of Fisheries and Aquatic Sciences 3154, Fisheries and Oceans Canada Science Branch, Pacific Region Pacific Biological Station Nanaimo, British Columbia V9T 6N7
 - This is important given the observations we are making in the lake right now. Here are the water elevations from the last few years. Those peaks correspond with high water values. You can see in 2024 we have extremely low water values. I don’t have surface water temperature data but that being said we’ve gone through a number of heat waves in the last few years. We’re going through one right now. It has an effect on the lake. The photo on the left was taken from the Williams Lake Tribune last August. I observed that froth last summer and snapped the photo on the right. We see a turbidity spike at the end of the chart on the bottom. That’s the profile data that we collected that day. In the preceding months Minnow Environmental evaluated the plankton data and we observed a substantial increase in phytoplankton density. This is a slide that we had out QP’s at Minnow Environmental prepare in Q1.



Turbidity (NTU) at QUL-120a-0m, QUL-18-0m and QUL-58-S from 2014 to 2023



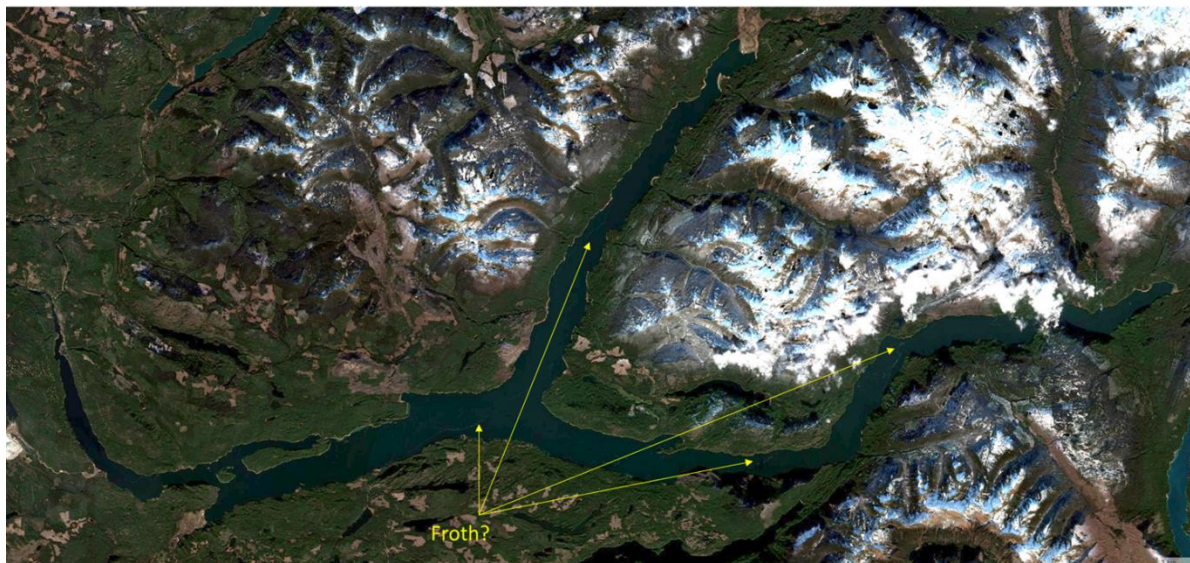


- This is the result of Minnow’s phytoplankton monitoring. The chart is showing the density of phytoplankton. On the left we have reference area data and on the right is exposed area data. You can see that in July and August there was a substantial increase in the density of phytoplankton in the lake. This is primarily in diatoms which is the green and was ~4-10 times higher than in prior years.
- High phytoplankton densities can lead to discoloration of surface water or cause froth on the surface from proteins and lipids of decaying phytoplankton bodies. Since we saw similar increases in both the reference and exposed areas in 2023, it suggests that the increase in density was related to naturally occurring factors. The increase in phytoplankton densities may be related to increased surface water temperatures and sunlight.
- A trend analysis was run on aqueous total phosphorus in Quesnel Lake and these have not increased significantly at the exposed or reference sites in 2023.
- Aqueous total phosphorus concentrations have not increased significantly at the exposed (QUL-18 or QUL-2a) or reference areas (QUL-120a) from 2015-2023.

Quesnel Lake – September 22, 2023

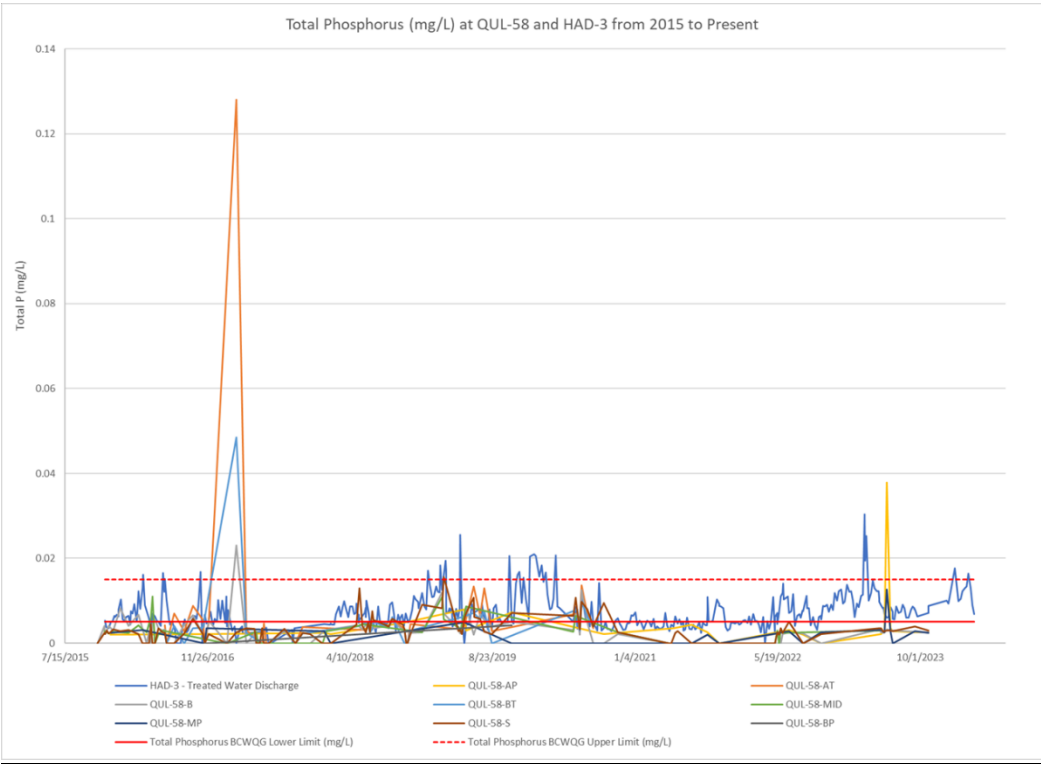
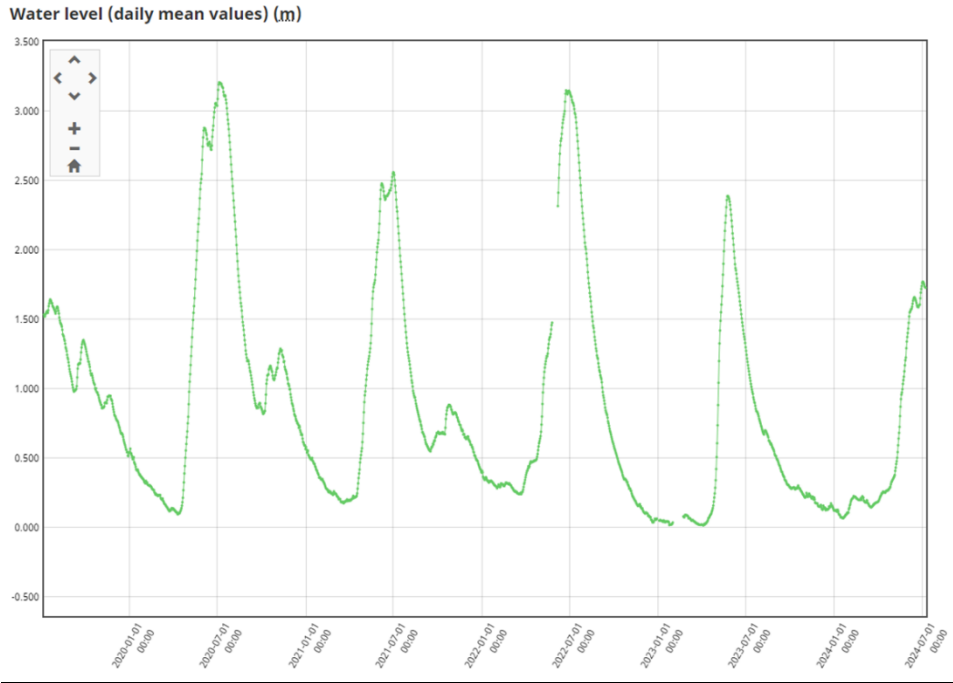


Quesnel Lake – October 27, 2023



- These are images taken from the Sentinel Hub website. Take note of the water color compared to nearby lakes. Look at the discoloration up the entire length of the lake. When you get to the east arm, we do have the input of the Niagara River but the effect is widespread. In October you could see those frothy conditions from space in some of the images. That's the same froth that we saw washing up on the shoreline and that's the diatoms, a silica-based plankton. It's a widespread environmental condition that the lake is experiencing and we may see similar effects this year.

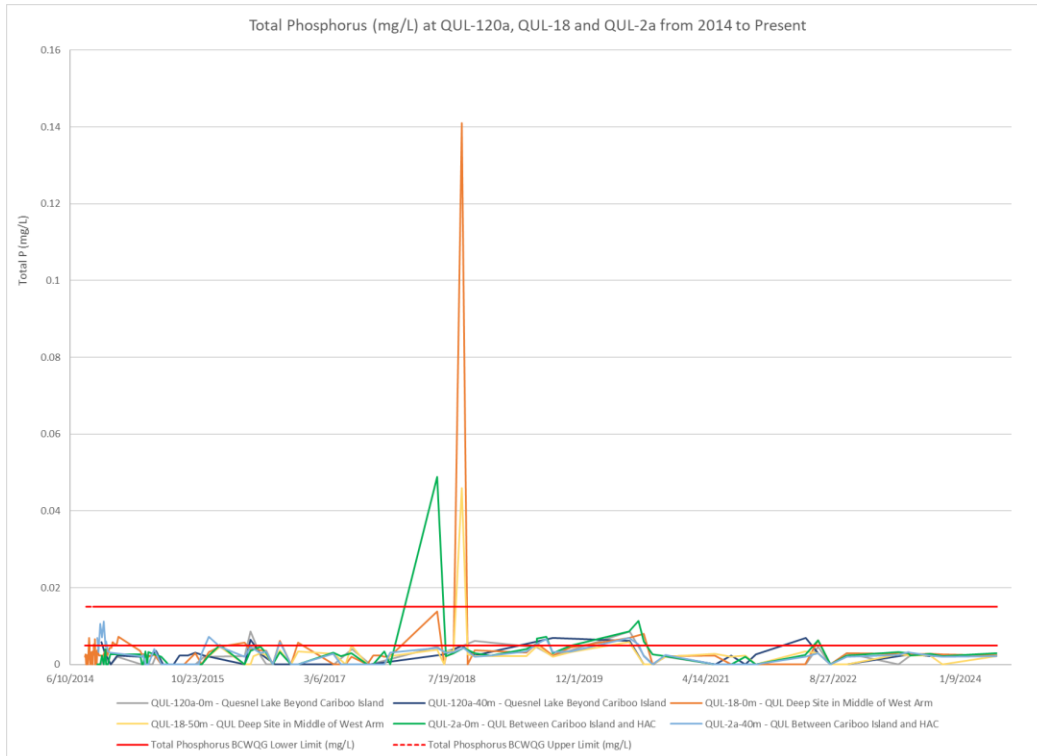
Real-Time Hydrometric Data Graph for Quesnel Lake Near Likely (08KH011) [BC]



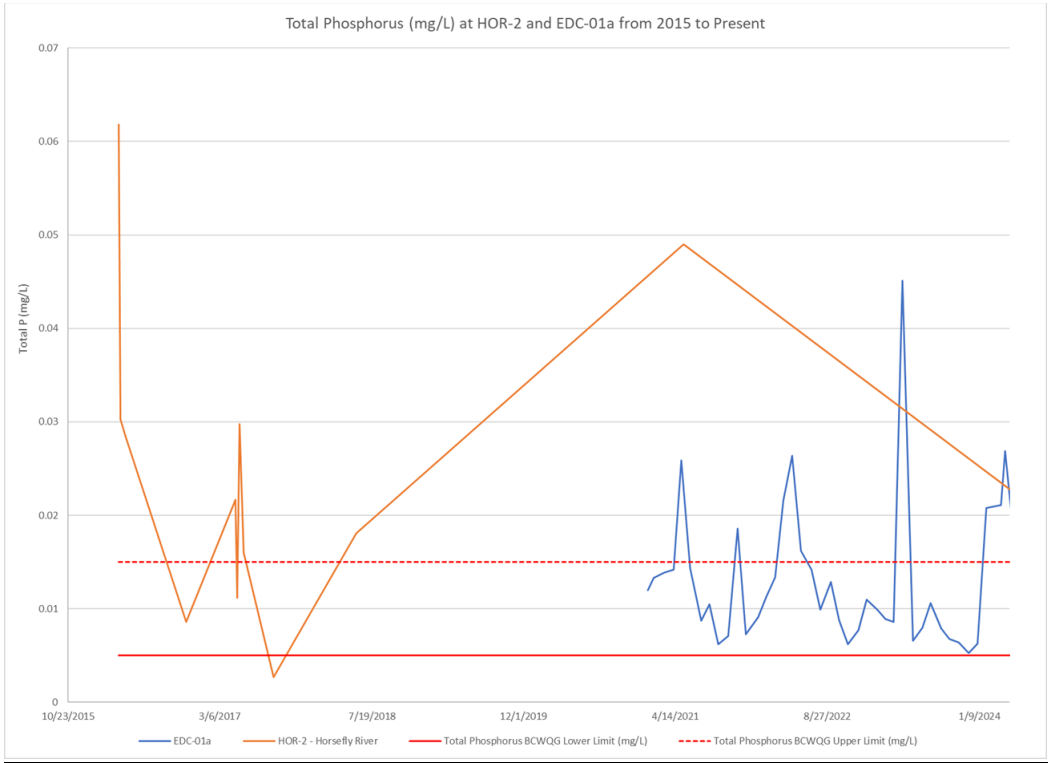
- This chart shows total phosphorus at HAD-3, our discharge, and QUL-58 which is in the Initial Dilution Zone (IDZ) in Quesnel Lake about 100 m away from the diffusers. The blue line is the total phosphorus and the two red lines are the upper and lower phosphorus limit. AP is above

plume, AT is above thermocline, S is surface and you can see Quesnel Lake at the IDZ is routinely below the lower limit.

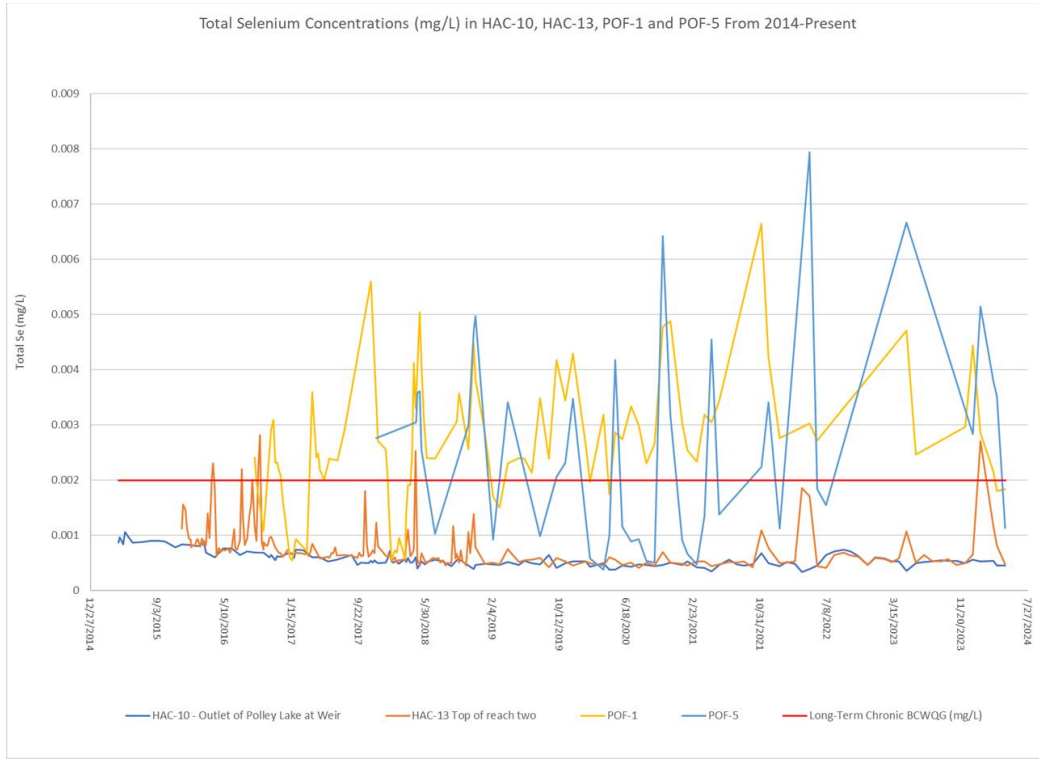
- AL: There is an upper and lower limit for total phosphorus because there are a range of characteristics that are considered in the guidelines as there are a range of characteristics that impact lakes. There are great technical appendices on the government website and total phosphorus is found under the nutrients and algae category. I recommend reviewing that document if you want to delve further into how those guidelines are derived.



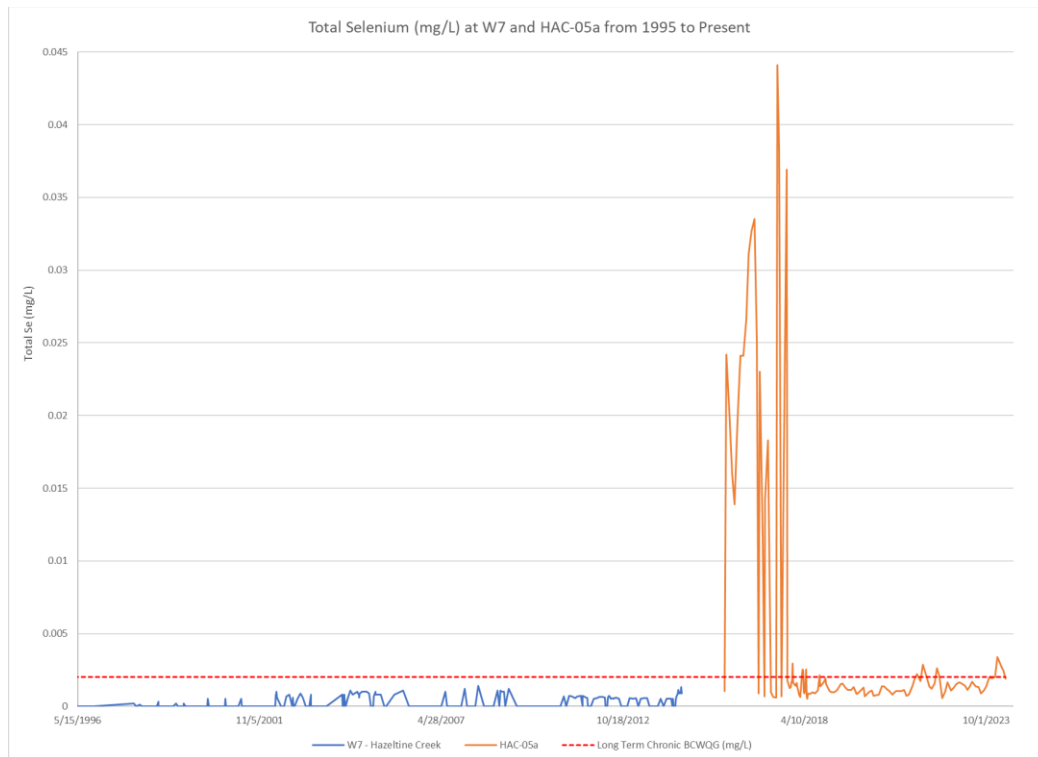
- This chart shows QUL-120a which is upstream of Plato Island, QUL-18 which is between Hazeltine Creek and Cedar Point Park and QUL-2a which is out in front of your place, Christine. We have a couple of outliers there in 2018, I'm not too sure what happened there but generally speaking, the results are similar. We are looking at the surface and 40 m depths but really low phosphorus levels.



- This chart shows the total phosphorus in the Horsefly River and at EDC-01a which is the creek just upstream of where it enters the lake. We've been monitoring it since 2021. The monitoring location was changed just after 2021. You see we do have some spikes which are most likely associated with our construction activities in Hazeltine Creek. In retrospect we should have grabbed the W10 data, from upstream of the affected area to see the effect of the construction on the phosphorus chemistry. That's something we can do for the next meeting.

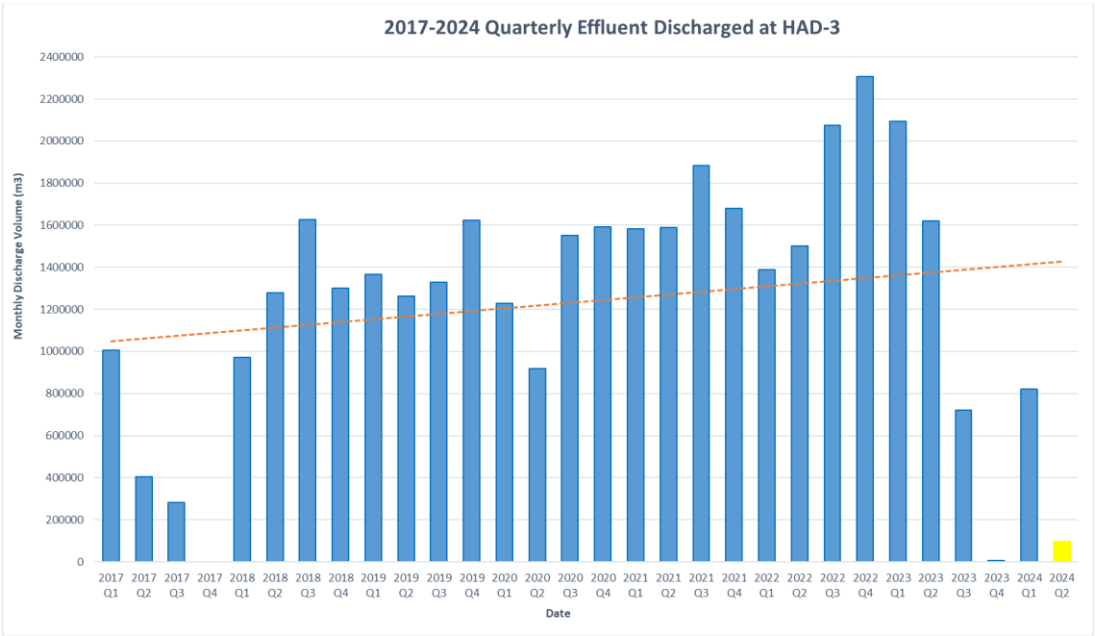


- Abhirosh previously asked about sources of selenium in the creek and we do have a wetland that we have been monitoring for years. The input into the creek, it dries up every year for 5-6 months so we've never really viewed it as a significant source into the creek but we thought we would share this information because it does show the outlet at Polley Lake in blue, the top of Reach 2 which is downstream of POF-1 and POF-5. It's upstream and downstream of where those two inputs are. We can see the selenium concentrations out of that wetland routinely exceed the guideline where they enter Hazeltine Creek but Hazeltine Creek concentrations are routinely below the guideline with the exception of the odd spike. This is important because we've seen elevated selenium concentrations in the sediment in Hazeltine Creek and also in some components of the benthic invertebrate community. We are furthering our understanding of what the source of those concentrations are. We are looking at a bunch of point sources and we will have Minnow conduct the study looking at identifying the source.
- Here is some selenium data from 1995 through to 2014. This is site W7 which is right near where our existing site HAC-05a is located. W7 was a site that was wiped out in 2014. It was a routine monitoring site from 1995 and so you can see the effect of the breach and the subsequent construction after 2014. We had some very high selenium concentrations in the initial years after the breach. We see those same selenium spikes in the subsequent years. Those last couple of years of data on the far right that's what we are looking really closely at. There does appear to be an upward trend and we are trying to get to the bottom of that by expanding our monitoring program looking specifically at selenium and undertaking a selenium study which will be conducted by Minnow involving water, sediment and tissue concentrations. I should note that we recently received their scientific permit for the collection of lethal samples. That will look at lethal sampling of Rainbow Trout in upper and lower Hazeltine Creek and upper and lower Edney Creek as well. We are seeing elevated selenium concentrations compared to pre-breach in Hazeltine Creek.

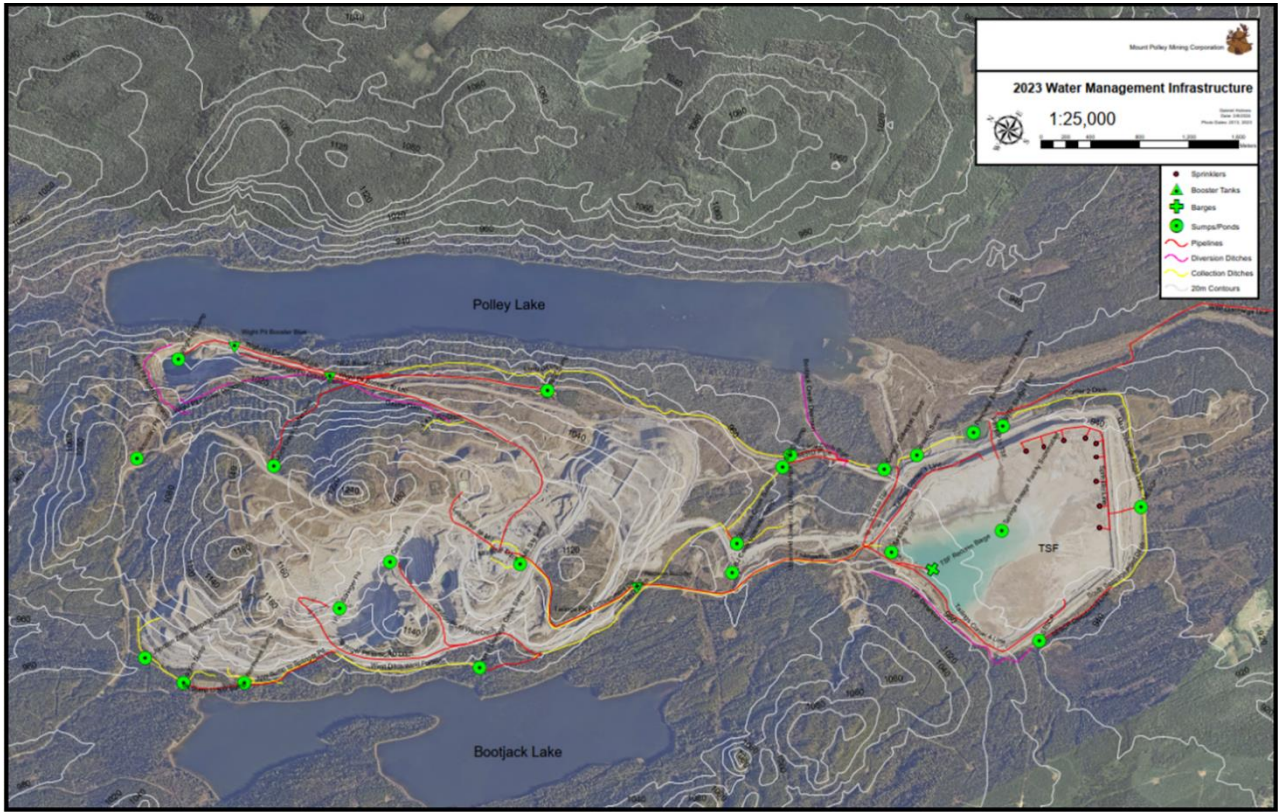


Water Management Update – Gabriel Holmes

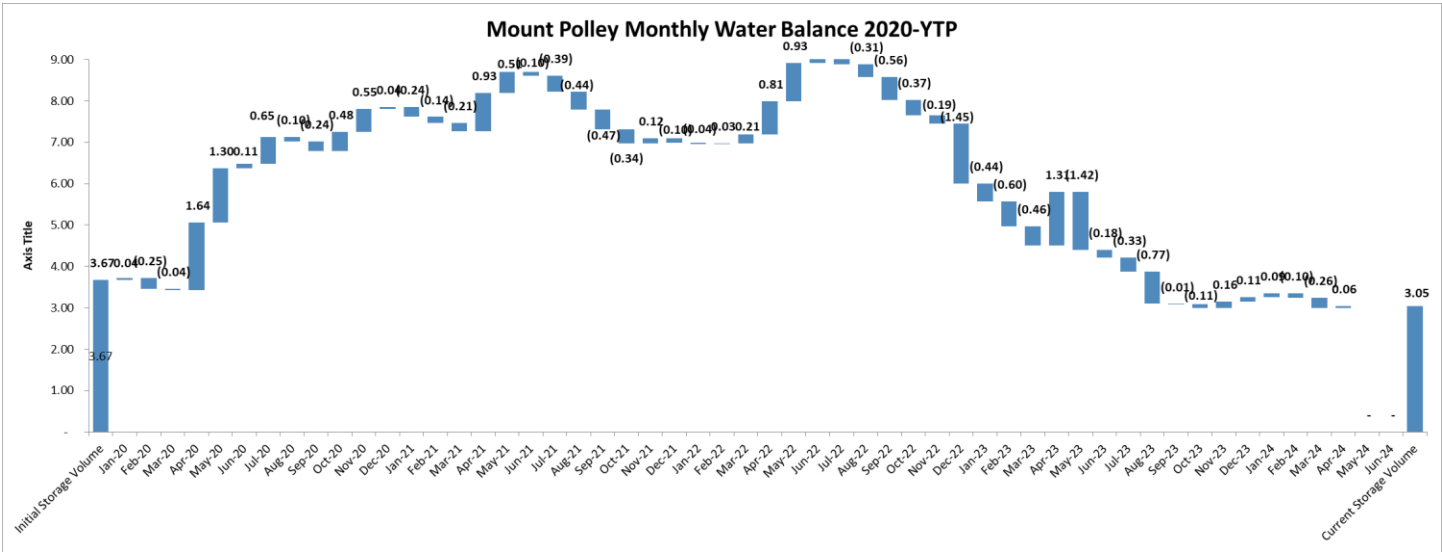
- Discharge/WTP Update
 - Discharge was discontinuous in Q2.
 - A total of 95,780 m³ was discharged in Q2 with an average discharge rate of ~0.0185 m³/s and an average of ~1,053 m³/day.
 - The authorized annual average rate of discharge is 29,000 m³/day.
 - The maximum authorized rate of discharge is 52,000 m³/day.
 - After this last little while where we had the compliance related issue because of a short-term start up we have to look at a different strategy because we take the samples to confirm that the water can be discharged, we have a waiting period while we get the results and we want to start the plant up so we are going to come up with a strategy. I think we need to rush every single sample. We are going to try and avoid batching of water. We want a slow, continuous discharge rate. We will maybe look at establishing infrastructure from the TSF to the WTP. The TSF supernatant is amenable to treatment and discharge. Right now, we are collecting it in the Wight Pit for storage. Because we had this compliance related issue this week, we've realized that we need to really re-evaluate what we're doing here. We needed to evacuate some water from the influent pond to allow for construction but it ended up being a compliance related issue.



- In the last four quarters you can see that we haven't really discharged much off of the site and that's because we realized that we need water to operate the mine and we haven't received any significant precipitation.
- Water Management Infrastructure
 - This map shows our diversion ditches, collection ditches, pipelines, sumps and ponds. These are all locations that we monitor through our contact water sampling. This was updated in for our 2023 annual reporting. We will have the pipeline from the SERDS sump down to the Wight Pit on 2024 map. Each one of these elements is absolutely critical to the water management operations that we have. Any one of these things fail and it could result in an unauthorized discharge to the environment. We will keep you informed of any challenges with our water management at Mount Polley. It is an ongoing effort.



- Year over year water balance comparisons
 - This is a water balance waterfall which shows a 3-year period of our water accumulation and discharge over time. You can see between 2023 and 2024 we've flatlined because we realized we may have to accumulate some water. When we look at the year over year, we are pretty close to where we were in 2019. We did accumulate a fair amount of water through 2021 and 2022.



Remediation/Reclamation Update – Gabriel Holmes

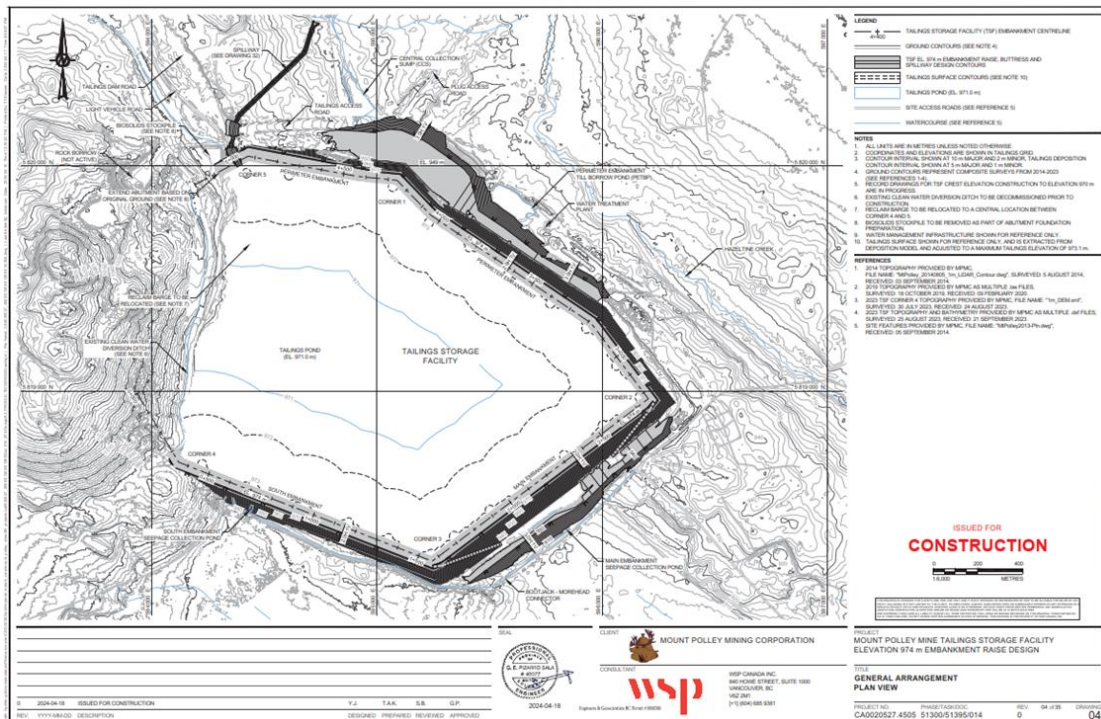


- There isn't much of a remediation update since we haven't done much but I wanted to include some aerial photos looking at 2013, 2014 and 2023. We notice some contrasts between all of those photos. From 2014-2023 you can see an improvement from what the conditions were at the time of the breach. Things certainly don't look the way they did pre-breach though.

Mining Update – Gabriel Holmes

- Life of Mine

- ~7-8 years of mining, 2 years of reclamation
- Springer Pit is main ore feed
- Exploration is ongoing
- PAG stockpile to be moved into the pit post mining
- SERDS
 - The last truck of tailings from the Springer Pit was delivered to the SERDS in May and the facility is near completion. A 5 m cap of NAG rock remains to be placed.
- TSF Construction
 - Here is an image of some of the prep work that we are doing right now. Those dark contour lines are areas that we are focused on right now. Mainly along the south, main and perimeter embankments and in the top left you can see that there will be a spillway which has been designed. I don't know the sequencing and the timeline of all of these elements but that's what the build out is going to look like.



- Magnetite Concentrator
 - Magnetite is a mineral and primary iron oxide ore.
 - MPMC recently purchased the facility and it is now 100% owned by MPMC.
 - Produces high grade magnetite that is salable for use in metallurgical coal floatation used for steel making.
 - How do we produce magnetite at Mt Polley
 - At Mount Polley mine, magnetite is extracted from the tailings (waste) generated by magnetic separation.
 - Grind tailings to free up the magnetite particles prior to separation.
 - Separate magnetite from other materials in the ground tailings in 3 cleaning stages using magnetic drum separators.
 - Dewater high-grade magnetite concentrate to remove water.

- Filter magnetite concentrate to remove excess moisture and stockpiled for sale.
- Stockpiled magnetite concentrate is loaded into trucks and shipped to customers.
- Magnetite removed from the tailings reduces the tailings volume by ~5 % to the dam.
- Fun Facts about Magnetite
 - Magnetite is a special rock that sticks to magnets, just like fridge magnets.
 - Magnetite is so magnetic that ancient sailors used it to make the first compasses to navigate the oceans.

- Human Resources
 - We are hiring. Operations are in full swing and we are looking for new members to join our team.
 - Total employees as of June 30, 2024, 358.5 total, 215 hourly, 109 salary, 34.5 temp contract and part time
 - Contractors- 76
 - Inactive- 20
 - Resignations- as of June 2024- 6
 - New hires- as of June 2024- 4
 - Seeking tradespeople, mechanics, welders, millwrights, pipefitters, electricians and carpenters
 - Nearing full staffed in some departments
 - Seeking to fill technical positions, engineers and planners

- Public Meeting
 - Under our communications plan we are required to host one public meeting per year.

Round Table Discussion

- None.

PLC Questions/Comments

- None.

Next Meeting

- October 3, 2024 in Likely, include update on TSF Construction

Meeting End 12:00 pm, lunch and mine site tour

Resources

PLC SharePoint Site:

<https://imperialmetals.sharepoint.com/sites/MountPolleyPLC>

BC Ministry of Environment Natural Resource and Enforcement Database:

<https://a100.gov.bc.ca/pub/ocers/searchApproved.do?submitType=menu>

BC Mine Information page:

<https://mines.nrs.gov.bc.ca/>

mountpolley.com

imperialmetals.com

[Facebook.com/mountpolley](https://www.facebook.com/mountpolley)

Sentinel Hub Playground

[Explore \(sentinel-hub.com\)](https://www.sentinel-hub.com/explore)

[Snow Survey Stations Interactive Map \(arcgis.com\)](https://www.arcgis.com)